

# AMBIENT LAKE MONITORING NETWORK

Lake Name: Clint Millpond

County: CAPE\_MAY

SiteID: NJW04459-073

Municipality: DENNIS TWP

## Surface to Bottom Profile

Season: Spring

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	1	0.8	12.08	8.52	78.2	4.12	0.076
outlet	0.1	0.1		14.81	9.38	91.3	4.35	0.075

Season: Summer

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.4	1	0.3	19.46	2.67	29.1	4.33	0.069
outlet	0.1	0.1		20.79	2.93	32.6	4.33	0.068

Season: Fall

Station	Tot. Depth (M)	Profile Depth (M)	Secchi (M)	Water Temp (C)	DO (mg/L)	DO (%Sat)	pH (SU)	Conductivity (mS/cm)
1	1.3	1	0.4	20.66	4.1	45	4.57	0.087
outlet	0.1	0.1		20.8	2.95	32.5	4.67	0.089

-Secchi measurements are not recorded for outlets.

-A blank Secchi measurement for lake stations means that an accurate measurement could not be recorded.

-A blank parameter result means the parameter could not be measured due to a meter malfunction.

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## Lake Profile Raw Data

### Season: Spring

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	ND	0.646	0.007	0.017	6.6	1	9.209	1.5
outlet	ND	0.673	0.006	0.020	10.3	1	9.003	1.74

### Season: Summer

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	0.059	1.020	0.025	0.050	3.2	2	8.069	1.94
outlet	0.028	0.876	0.021	0.047	7.3	1	8.061	1.47

### Season: Fall

Station	Tot Phos (mg/L)	TKN (mg/L)	Nitrite-Nitrate (mg/L)	Ammonia-N (mg/L)	Chl a (ug/L)	Alk (ppm)	Hard (ppm)	Turbidity (NTU)
1	ND	0.895	0.013	0.115	7.2	2	10.876	4.4
outlet	ND	0.864	0.002	0.026	3.9	1	11.093	2.24

Sample Device - Horizontal Polycarbonate Sampler

"ND" indicates the result is at a concentration below the analytical method's Reporting Limit (RL). See Volume 1, Methods.

-A blank parameter result means the parameter could not be analyzed due to laboratory error.